BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 16 April 2008)

Use BLOCK CAPITALS
Complete all fields.
Circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: TRCA
Cleaning Facility:

Date(s) Collected (DD/MM/YY): 12/09/08 **Seed Collection Reference Number:** OR930-RC49

Collector(s): Ellen Kuhlmann, Don Knoke

Country: USA **Ecoregion** (T,O, B): East Cascades **State:** WA County: Kittitas

Location Details: From Cle Elum, travel northwest on Washington State highway 903 to Lake Cle Elum. At the north end of the lake, turn west onto Forest road 4308. Travel on 4308 until you reach the junction with road 4312 and turn onto this road. Travel on this road until you reach a gated logging road on the right side of the road. Park on the roadside, and walk up the road across the creek where the road meets the Thorp Creek Trail 1316, and turn west onto the trail. Population will begin in about 1 mile, plants are scattered in the moist pockets of vegetation and near the creeks along the trail.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 47/21/54.3 N GPS Used?: **Yes** *No* If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 121/10/0.3 W GPS Datum: *NAD83* **NAD27** *WGS84* *Other:*

Elevation (feet): 3700 Landowner Details (Permission?): U.S. Forest Service (yes)

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor: Habitat: moist forest and riparian vegetation, Tsuga heterophylla/Abies amabilis forest. Associated species: common species—Achlys triphylla, Arnica latifolia, Tsuga heterophylla, Abies amabilis, Rubus parviflorus other species present—Aquilegia formosa, Angelica sp., Northochelone nemorosa, Hackelia micrantha, Maianthemum stellatum, Tiarella latifolia, Aster sp., Mahonia nervosa, Ribes viscosissimum, Oplopanax horridus, Alnus sp., Rosa sp., Hieracium albiflorum, Galium sp., Heracleum lanatum, Poaceae sp., Tsuga mertensiana, Osmorhiza chilensis, Osmorhiza occidentalis, Stachys cooleyae, Asarum caudatum, Clintonia uniflora, Vaccinium sp., Epilobium angustifolium, Valeriana sitchensis, Rubus spectabilis, Adenocaulon bicolor, Senecio triangularis, Pachistima myrsinites, Carex sp., Sambucus racemosa, Aruncus sylvester, Acer glabrum v. douglasii, Acer circinatum, Perideridia gairdneri

Modifying Factors: *Mowed Burned Grazed Flooded Seeded Trampled Other:*

Land Form: Mountain Slope°: 0-5

Land Use: recreation Aspect: *N NE E* **SE** *S SW W NW*

Geology:

Soil Texture: *Clay* **Silt** *Sand Other:* Soil Color: Medium brown

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family: Ranunculaceae **No. of Plants Sampled** (min. 50): 50

Genus: Trautvetteria **No. of Plants Found (approx.):** 500

Species: caroliniensis **Area Sampled (acres):** 10

Subspecies/Variety:

1 cloth
0.060#

Seed Test/Packaging Record

label goes here (1 1/8" X 3 1/2")

SOSOR-93008-08 TRCA

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 2/17/09 AC
OSU Sample Taken	# of pounds: .22g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

		REMARKS
100 Seed X-ray	93 in	some green seed
Moisture Content	TOO few	
Seed Count	~~412,300~~	

GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___

PURITY 98% or NOXIOUS WEED only ___

ENTERED

MOISTURE CONTENT(use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
			TOO few Seed		

X-ray Results

93 % Filled

Results from 100 Seed X-ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. Of Sample: _____ gms

Wt. Of Impurities:

* Crops _____ gms
* Inerts .004 gms
* Weeds _____ gms
* Noxious _____ gms

Wt. Of all Impurities: .009 gms

Wt. Of Clean Seed .218 gms

TOTAL (Impurities + Clean Seeds) .222 **gms**

Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 98 %

SEEDS PER POUND

Weight to three decimal places, when possible

Wt. Of 5 reps of 100 seeds each (in grams).

.109 .111 _____ _____ _____

TOTAL of ALL Reps _____

Average _____

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 453600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 1.10 = 1000 seed wt.

Seeds per Pound = 412,300

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.007	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	.007

entire lot. will all go to PPMC ??

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
2-17-09	0930		226-test	AC
		1005	2270-pkg	AC

OK	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ___ **NA**